

## Appendix I

### SYSTEM INSTALLATION REPORT FORM

For each **GEO-Flow Pipe Leaching System** installed in Massachusetts, certified installers must complete the following form in its entirety. Copies of this completed form **must** be forwarded via fax or mail to (1) the local approving authority and (2) ADS/Hancor.

Property Owner:		
Site Address:		
City:		Zip Code:
Installer's Name:		
Installation Company's Name:		
Installation Company's Address:		
Installation Company's City:		State: Zip Code:
Installed System Type (Approval):      General Use:    Yes: _____ Remedial Use:    Yes: _____		
Permit Number:		
System Type:		
Design Flow:		
Date of Installation Completion:		Date of System Start-up:
Comments:		

Mail or fax a copy of this completed form to (1) the local approving authority and (2) ADS/Hancor at:

ADS, Inc.  
Stonybrook Industrial Park  
58 Wyoming Street  
Ludlow, MA 01056

## Appendix II

### GEO-Flow PIPE LEACHING SYSTEM

#### ***SYSTEM OPERATING MANUAL***

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The Massachusetts Department of Environmental Protection's approval for use of the **GEO-Flow Pipe Leaching System** requires that we provide a "**System Operating Manual**" to the system owner. This is that manual.

#### ***System Inspection:***

Your **GEO-Flow Pipe Leaching System** will be inspected at least once annually by a manufacturer-certified operator/inspector. This is a requirement of the system approval.

Observation ports are required for each GEO-Flow Pipe Leaching System. These may be utilized for intermittent inspection as necessary.

#### ***System Maintenance:***

Your **GEO-Flow Pipe Leaching System** is engineered to last a lifetime. The system itself requires very little maintenance. Consider the following information in order to promote your **GEO-Flow Pipe Leaching System's** longevity:

- Do not abuse the system (see section below).

- Have the septic tank pumped and inspected on a regular basis. "Regular" is a function of use.

- Consult with your system installer or inspector for guidance on proper pumping interval.

- Ensure that any venting, where applicable, remains functional.

#### ***Abuse:***

Do not allow the system to be abused. "Abuse" is the primary cause of onsite wastewater treatment system malfunction. Avoid the following:

- Excessive volume. Your system has been designed and installed to operate under a specific design flow. Maintain use of the system within this design parameter.

- Solids. Keep solids out of the system. Paper products and feminine hygiene products should not be introduced into the system.

- Use of garbage disposals and water softeners. Garbage disposals and water softeners shall not be used with the GEO-Flow Pipe Leaching System.

- Cleaning supplies and medicines in high volume or concentration.

- Petroleum or fertilizers in any amounts.

## Appendix III

### GEO-Flow Pipe Leaching System TECHNOLOGY CHECKLIST FORM

Page 1 of 2

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Every **GEO-Flow Pipe Leaching System** installed in Massachusetts **must** be inspected annually by an operator certified by ADS/Hancor to perform this inspection.

Operators inspecting a **GEO-Flow Pipe Leaching System** must complete the following form in its entirety. Operators must **also** complete a copy of the DEP Approved Inspection and O&M Form for Title 5 I/A Treatment and Disposal Systems. Copies of both of these completed forms **must** be mailed to MA DEP at the following address:

Department of Environmental Protection  
Title 5 I/A Program  
One Winter Street  
Boston, MA 02108

17 1	General Description of Surface Conditions in Area of Soil Absorption System (describe):		
18	Is there "ponding" in the GEO-Flow System?	Yes:	No:
	If "Yes", estimate depth and describe effluent condition:		
19	Describe condition of D-box (if applicable):		
20	Are system vents in place and functional?	Yes:	No:
	If "No", explain:		
21	Describe any other relevant observations:		
22	Does the system include a Pump Chamber?	Yes:	No:
	If "Yes", continue with this section. If "No", move to bottom of form.		
23	Number of Pump(s):		
24	Condition of Pump(s) (describe):		
25	Does system have an alarm(s)?	Yes:	No:
	If "Yes", what condition are they in?		
	If "Yes", what was date of last alarm test?		

<sup>1</sup>In describing condition of surface area around the soil absorption system, consider at a minimum the following:  
 wetness/dryness of surface over system, or in area surrounding system;  
 evidence of introduction of surface water/runoff or groundwater from other sources;  
 evidence of breakout; and/or  
 evidence of vehicular traffic loading.

Inspected by (print name):	
Telephone Number:	
Signature:	
I certify that I have inspected the GEO-Flow Pipe Leaching System at the address listed above and have completed this Technology Checklist Form. The information herein is accurate and complete as of the date of this inspection.	